

WHAT IS CLAIMED IS:

1. A machine readable medium embodying instructions for implementing a plurality of image manipulating activities, said instructions comprising the steps of:

supplying each of said image manipulating activities with at least a printing option;

associating a respective list of printer-setting parameters with each of said image manipulating activities;

responding to a print request of an image during the execution of any of said image manipulating activities by transmitting said image along with the respective list of printer-setting parameters associated with the executing image manipulating activity to a printing device.

2. The machine readable medium of claim 1, wherein each of said list of printer-setting parameters includes at least one of a predetermined paper size parameter, a predetermined paper margin parameter, a print quality versus speed parameter, a selection parameter for selecting one of color or black-and-white printing, a paper weight parameter, and a paper surface parameter, wherein said paper surface parameter identifying one of a glossy surface, a matte surface, and a plane surface.

3. The machine readable medium of claim 1, wherein said image manipulating activities include at least one of a greeting card creating activity, a book cover creating activity, a decorative box creating activity, a decorative gift wrapping paper creating activity, a picture frame creating activity, a decorative paper fan creating activity, a business card creating activity, and a photo editing activity.

4. The machine readable medium of claim 1, further including a step for requesting an input selection specifying the number of print sets required prior to transmitting said image to said printing device.

5. A method of executing a Java-based application, said method comprising the following steps:

providing said Java-based application with a print selection option;

providing a non-Java, native image-rendering application;

responding to actuation of said print selection option by passing image rendering data from said Java-based application to said native image-rendering application, said native image-rendering application generating a printable image based on said image rendering data and transmitting said printable image along with a list of non-user-defined printer-setting parameters to a printing device.

6. The method of claim 5, wherein:

said Java-based application includes a plurality of independent image editing activities;

said native image-rendering application is provided with a plurality of lists of printer-setting parameters having a one-to-one correspondence with each of said independent image editing activities;

said image rendering data includes at least an identifier parameter for identifying the independent image editing activity that was being executed at the time when said print selection option was actuated, said native image rendering application using said identifier parameter to identify and transmit the corresponding list of printer-setting parameters as said list of non-user-defined printer-setting parameters.

7. The method of claim 6, wherein said plurality of independent image editing activities include at one of a greeting card creating activity, a book cover creating activity, a decorative box creating activity, a decorative gift wrapping paper creating activity, a picture frame creating activity, a decorative paper fan creating activity, and a business card creating activity.

8. The method of claim 6, wherein each of said separate list of printer-setting parameters include at least one of a predetermined paper size parameter, a predetermined margin parameter, a print quality versus speed parameter, a

selection parameter for selecting one of color or black-and-white printing, and a media type parameter.

9. The method of claim 5, wherein said Java-based application responds to said actuation of said print selection option by requesting a user-submitted option specifying the number of desired printed copies, and said user-submitted option is part of said image rendering data passed to said native image-rendering application.

10. The method of claim 5, wherein said image rendering data is pass to said native image-rendering application using the Java Native Interface.

11. The method of claim 5, wherein said image rendering data is pass to said native image-rendering application using TCP communication.

12. A network system comprising:

a network server having a remotely accessible application providing selectable access to a plurality of independent activities, said network server maintaining a cross-reference list associating each of said independent activities with at least one of a plurality of approved periphery devices;

a client computing device for remote communication with said network server and for requesting access to said plurality of independent activities;

providing an accessory computing device coupled as a periphery device to said client computing device; wherein

said network server denies said client computing device access to any of said plurality of independent activities in response to said accessory computing device not being among said plurality of approved periphery devices.

13. The network system of claim 12, wherein said network server further denies said client computing device access to any of said plurality of independent activities that is not associated with said accessory computing device as determined by said cross-reference list, and further permits access to any of said plurality of

independent activities that are associated with said accessory computing device as determined by said cross-reference list.

14. The network system of claim 12, wherein said network server responds to a request for said remote accessible application by providing said client computing device with a selection list of said plurality of independent activities, said network server then determining if said accessory computing device is among the plurality of approved periphery devices associated with the independent activity selected by said client computing device as determined by said cross-reference list, said client computing device being denied access to the selected independent activity if said accessory computing device is not among the plurality of approved periphery devices associated with the selected independent activity.

15. The network system of claim 14, wherein said network server permits said client computing device to select only one of said plurality of independent activities from among said selection list.

16. The network system of claim 14, wherein said network system responds to a selection of one of the independent activities from said selection list by supplying said client computing device with a second selection list of approved periphery devices associated with the selected independent activity and requesting that said client computing device identify said accessory computing device as one of said approved periphery devices on said second selection list; and

wherein said network server uses at least the client computing device's response to said second selection list to determine if said accessory computing device is among the plurality of approved periphery devices associated with the independent activity selected by said client computing device.

17. The network system of claim 16, wherein said network server further interrogates said client computing device for the existence of installed software drivers for the approved periphery device selected from said second selection list as additional criteria for determining if said accessory computing device is among the

plurality of approved periphery devices associated with the independent activity selected by said client computing device.

18. The network system of claim 14, wherein said network server requests that said client computing device interrogate said accessory periphery device and obtain
 5 identification data identifying said accessory periphery device, said identification data being relayed to said network server for determining if said accessory computing device is among the plurality of approved periphery devices associated with the independent activity selected by said client computing device.

19. The network system of claim 12, wherein said network server responds to a request for said remote accessible application by first identifying said accessory
 10 computing device and determining if the identified accessory computing device is among said plurality of approved periphery devices;

said network server then providing said client computing device with an approved activity list showing the plurality of independent activities that are
 15 associated with said accessory computing device as determined by said cross-reference list.

20. The network system of claim 19, wherein said network server identifies said accessory computing device by at least providing an approved periphery list showing all of said plurality of approved periphery devices and requesting that said
 20 client computing device identify said accessory computing device as one of said approved periphery devices on said approved periphery list.

21. The network system of claim 20, wherein said network server further interrogates said client computing device for the existence of installed software drivers for the approved periphery device selected from said approved periphery list
 25 as additional criteria for determines if said accessory computing device is among the plurality of approved periphery devices.

22. The network system of claim 12, wherein each of said network server has access to a library of image sets, each of said image sets including a thumbnail representation of a respective image, a displayable representation of said respective image, and a printable representation of said respective image, said displayable
5 representation image being of higher resolution than said thumbnail image, said printable representation image being of higher resolution than said displayable representation image; wherein

said network server responds to the actuation of any of said plurality of independent activities by supplying said client computing device with a thumbnail selection group of thumbnail representation images corresponding to a plurality of said image sets, said client computing device defining a target image from among said thumbnail selection group, and said network server responding to the selection of said target image by transferring the target image's corresponding displayable representation image to said client computing device.

23. The network system of claim 22, wherein said accessory periphery device is a printing device and said network server transfers the printable image representation of said target image to said client computing device in response to a printing command from said client computing device.

24. The network system of claim 23, wherein the actuated independent activity
20 permits said client computing device to edit the transferred displayable representation image corresponding to said target image, and recreates on said transferred printable image a representation of any edits committed to said displayable representation image prior to sending said transferred printable representation image to said printing device.

25. The network system of claim 22, wherein the displayable representation
25 images of each of said image sets have a resolution substantially equal to that of a display device coupled to said client computing device.

26. The network system of claim 22, wherein each of said plurality of approved periphery devices is a predefined printing device, and said printable representation images of each of said image sets have a resolution at least equal to the resolution of the highest resolution printing device among said plurality of approved periphery devices.

27. The network system of claim 12, wherein said plurality of approved periphery devices are a plurality of printing devices.

28. The network system of claim 12, wherein said plurality of independent applications include at least one of a greeting card creating activity, a book cover creating activity, a decorative box creating activity, a decorative gift wrapping paper creating activity, a picture frame creating activity, a decorative paper fan creating activity, a business card creating activity, and a photo editing activity.

29. An image editing system comprising:

a computing device for executing an image editing application, said image editing application including a plurality of image editing activities, each of said image activities having an associated list of predefined printer-setting parameters;

a printing device coupled to said computing device; wherein

said computing device responds to a print request by identifying the image editing activity most recently being executed prior to receiving said print request and correlating its associated list of predefined printer-setting parameters with available setting parameters supported by said printing device, said computing device sending the correlated printer-setting parameters along with a printable image to said printing device.

30. The image editing system of claim 29, wherein said computing device executes only image editing activities whose associated list of predefined print-setting parameters have a full correlation with available printer settings supported by said printing device.

31. The image editing system of claim 29, wherein said computing device identifies an approved list of said image editing activities whose associated list of predefined printer-setting parameters have a full correlation with available printer settings supported by said printing device and permits the execution of only the image editing activities listed within said approved list.

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